



# **STIC Search Report**

## **EIC 3700**

**STIC Database Tracking Number: 122512**

**TO: Andres Kashnikow**  
**Location: cp2 2a01**  
**Art Unit: 3700**  
**Wednesday, May 19, 2004**

**Case Serial Number: 09/413887**

**From: Terry Solomon**  
**Location: EIC 3700**  
**CP2-2C08**  
**Phone: 305-5932**

**Terrance.solomon@uspto.gov**

### **Search Notes**

No litigation found pertaining to US pat. 5674285.

Sources: Lexis/Nexis and Questel-Orbit

Access DB# 122512**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name: KASHNIKOW, Andy Examiner #: 60484 Date: 5/19/04  
Art Unit: 3700 Phone Number 30 8-1137 Serial Number: 041413, 887  
Mail Box and Bldg/Room Location: CP2-240 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

LIT. SEARCH - U.S. PATENT NO.  
5,674,285

**STAFF USE ONLY**

	Type of Search	Vendors and cost where applicable
Searcher: <u>Solomon</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-5932</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>CP2 2c08</u>	Structure (#) _____	Questel/Orbit <u>\$9.86</u>
Date Searcher Picked Up: <u>5-19-04</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>5-19-04</u>	Litigation <u>X</u>	<u>Lexis/Nexis</u>
Searcher Prep & Review Time: <u>5</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>4</u>	Other _____	Other (specify) _____

570802 (08) 5674285 October 7, 1997

Time of Request: May 19, 2004 03:39 PM EDT

Research Information:

Utility, Design and Plant Patents  
patno=5674285

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5674285

October 7, 1997

Mammary implant having shell with unitary rough-textured outer layer

**REISSUE:** Reissue Application filed Oct. 6, 1999 (O.G. Dec. 14, 1999) Ex. Gp.: 3738; Re. S.N. 09/413,887, (O.G. December 14, 1999)

**CERT-CORRECTION:** November 23, 1999 - a Certificate of Correction was issued for this patent

**APPL-NO:** 570802 (08)

**FILED-DATE:** December 12, 1995

**GRANTED-DATE:** October 7, 1997

**ASSIGNEE-AT-ISSUE:** Medical Products Development, Inc., Santa Barbara, California, United States (US), 02

**ASSIGNEE-AFTER-ISSUE:** March 10, 1997 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS), MEDICAL PRODUCTS DEVELOPMENT, INC. 915 SAN ANTONIO CREEK ROAD SANTA BARBARA CALIFORNIA 93111, Reel and Frame Number: 008537/0208

October 19, 2000 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS), INAMED CORPORATION 5540 EKWILL STREET SANTA BARBARA CALIFORNIA 93111, Reel and Frame Number: 011190/0814

February 13, 2003 - SECURITY AGREEMENT, FIRST UNION NATIONAL BANK, AS ADMINISTRATIVE AGENT 301 SOUTH COLLEGE STREET CHARLOTTE NORTH CAROLINA 28288, Reel and Frame Number: 013718/0599

September 26, 2003 - NOTICE OF GRANT OF SECURITY INTEREST, UNION BANK OF CALIFORNIA, N.A., AS ADMINISTRATIVE AGENT 445 S. FIGUEROA STREET LOS ANGELES CALIFORNIA 90071, Reel and Frame Number: 014007/0436

**LEGAL-REP:** Christie, Parker & Hale, LLP

Selected file: PLUSPAT

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Comprehensive Worldwide Patents database

**\*\* SS 3: Results 1**

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

**Patent Number :**

US5674285 A 19971007 [US5674285]

**Title :**

(A) Mammary implant having shell with unitary rough-textured outer layer

**Patent Assignee :**

(A) MEDICAL PRODUCTS DEV INC (US)

**Patent Assignee :**

Medical Products Development, Inc., Santa Barbara CA [US]

**Inventor(s) :**

(A) QUAID JOEL (US)

**Application Nbr :**

US57080295 19951212 [1995US-0570802]

**Filing Details :**

Cont. of US993463 19921215 [1992US-0993463] (Abandoned)

Cont. of US634430 19901227 [1990US-0634430] (Abandoned)

Cont. of US559973 19900727 [1990US-0559973]

Cont. of US361786 19890530 [1989US-0361786] (Abandoned)

Cont. of US927272 19861104 [1986US-0927272] (Abandoned)

Continuation of: US5007929

**Priority Details :**

US57080295 19951212 [1995US-0570802]

US99346392 19921215 [1992US-0993463]

US63443090 19901227 [1990US-0634430]

US55997390 19900727 [1990US-0559973]

US36178689 19890530 [1989US-0361786]

US92727286 19861104 [1986US-0927272]

**Intl Patent Class :**

(A) A61F-002/12

**EPO ECLA Class :**

A61L-027/18 C08L-083:04

A61F-002/12

A61L-027/56

**US Patent Class :**

ORIGINAL (O) : 623008000

**Document Type :**

Basic

**Citations :**

US2688139; US3314420; US3366975; US3447161; US3452765; US3507554;

US3605123; US3683424; US3700380; US4157424; US4242464; US4355426;

US4405360; US4455691; US4457608; US4459252; US4460713; US4499211;

US4643733; US4648880; US4955909; US4960425; US4963150; US5007929;

EP0159034; GB1576418

"Factors Affecting Soft Tissue Ingrowth into Porous Implants", Feldman et al, 2nd World Congress on Biomaterials, 10 Annual Meeting of the Society for Bio-materials, Washington, D.C., Apr. 27-May 1, 1984.

Ersek et al, "A New Arteriovenous Shunt Design", Trans. Ameri. Soc. Artifi. Inter. Orgs., vol. XV, Jun. 1989, pp. 267-271.

Brown et al, "The Kinetics of Hydrolytic Aging of Polyester Urethane Elastomers", National Bureau of Standards (Jul. 1979).

Sherman et al, "The Biological Fate of Implanted Rigid Polyurethane Foam", Journal of Surgical Research, vol. 9, No. 3, p. 167 (Mar. 1969).

Irving et al, "Tissue Reaction to Pure and Impregnated Silastic",  
Journal of Pediatric Surgery, vol. 6, No. 6, p. 724 (Dec. 1971).

Pennisi, "Polyurethane-Covered Silicone Gel Mammary Prosthesis for  
Successful Breast Reconstruction", Aesthetic Plastic Surgery, vol. 9, p.  
73 (1985).

Ashley, "Further Studies on the Natural-Y Breast Prosthesis", Plastic  
and Reconstructive Surgery, vol. 45, No. 5, p. 421 (May 1970).

**Publication Stage :**

(A) United States patent

**Abstract :**

A medical implant with an external surface layer of silicone elastomer  
and having an open-cell structure is made by applying solid particles to  
the external surface layer of the implant before it is cured, curing  
the external surface layer with the solid particles embedded therein and  
then dissolving the solid particles with a solvent that does not  
dissolve the silicone elastomer. An implant having such an external  
surface layer is expected to help prevent capsular contraction, to help  
prevent scar formation, and to help in anchoring the implant within the  
body.

1 / 1 LGST - ©EPO

**Patent Number :**

US5674285 A 19971007 [US5674285]

**Application Number :**

US57080295 19951212 [1995US-0570802]

**Action Taken :**

19970310 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: MEDICAL PRODUCTS DEVELOPMENT, INC. 915 SAN ANTONIO; EFFECTIVE

DATE: 19890613

19970310 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: QUAID, JOEL; EFFECTIVE DATE: 19890613

19991123 US/CC-A

CERTIFICATE OF CORRECTION

19991214 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 19991006

**Update Code :**

2003-22

1 / 1 CRXX - ©CLAIMS/RRX

**Patent Number :**

5,674,285 A 19971007 [US5674285]

**Patent Assignee :**

Medical Products Development Inc

**Actions :**

19991006 REISSUE REQUESTED

ISSUE DATE OF O.G.: 19991214

REISSUE REQUEST NUMBER: 09/413887

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3738

Reissue Patent Number:

20001019 REASSIGNED  
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: MEDICAL PRODUCTS DEVELOPMENTS, INC. DATE SIGNED: 10/12/2000

Assignee: INAMED CORPORATION 5540 EKWILL STREET SANTA BARBARA CALIFORNIA  
93111

Reel 011190/Frame 0814

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20030213 REASSIGNED  
SECURITY AGREEMENT

Assignor: INAMED CORPORATION DATE SIGNED: 02/01/2000  
BIODERMIS CORPORATION DATE SIGNED: 02/01/2000  
BIOENTERICS CORPORATION DATE SIGNED: 02/01/2000  
BIOPLEXUS CORPORATION DATE SIGNED: 02/01/2000  
COLLAGEN AESTHETICS, INC. DATE SIGNED: 02/01/2000  
COLLAGEN AESTHETICS INTERNATIONAL, INC. DATE SIGNED: 02/01/2000  
CUI CORPORATION DATE SIGNED: 02/01/2000  
FLOWMATRIX CORPORATION DATE SIGNED: 02/01/2000  
INAMED DEVELOPMENT COMPANY DATE SIGNED: 02/01/2000  
INAMED INTERNATIONAL CORP. DATE SIGNED: 02/01/2000  
INAMED JAPAN, INC. DATE SIGNED: 02/01/2000  
MCGHAN MEDICAL CORPORATION DATE SIGNED: 02/01/2000  
MEDISYN TECHNOLOGIES CORPORATION DATE SIGNED: 02/01/2000

Assignee: FIRST UNION NATIONAL BANK, AS ADMINISTRATIVE AGENT 301 SOUTH  
COLLEGE STREET CHARLOTTE NORTH CAROLINA 28288

Reel 013718/Frame 0599

Contact: SIMPSON THACHER & BARTLETT ROBYN RAHBAR, ESQ. 425 LEXINGTON  
AVE. NEW YORK, NY 10017

20030926 REASSIGNED  
NOTICE OF GRANT OF SECURITY INTEREST

Assignor: INAMED CORPORATION DATE SIGNED: 07/25/2003

Assignee: UNION BANK OF CALIFORNIA, N.A., AS ADMINISTRATIVE AGENT 445 S.  
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Reel 014007/Frame 0436

Contact: MOORE & VAN ALLEN PLLC STEVEN D. THOMAS 2200 W. MAIN STREET,  
SUITE 800 DURHAM, NC 27705

Session finished: 19 MAY 2004 Time 21:42:33  
QUESTEL. ORBIT thanks you. Hope to hear from you again soon.